

# Jake Rowberry

## **Machinist - Honeybee Robotics**

Thornton, CO 80229

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(208) 521-0745

Seeking long term employment in an organization where I can grow professionally and further enhance my skills, knowledge and experience to face and overcome the challenges of today's changing work environment.

Authorized to work in the US for any employer

## Work Experience

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### **CNC Machinist/Programmer**

Honeybee Robotics - Longmont, CO

March 2017 to Present

Run and operate every machine in the shop including CNC/manual lathes, CNC/manual mills, sinker EDM, ID grinder, OD Grinder, surface grinder and hone. Utilize CAD/CAM software and conversational programming to machine tolerances as tight as .0001" from blueprints, ensuring all critical dimensions and GD&T requirements are met. Develop the work plans' to set up, run, and complete jobs as efficiently as possible, while maintaining the highest quality. Mount, align, and secure tooling, fixtures, vices, and work pieces. Troubleshoot parts/machines and collaborate with engineers on R&D projects to produce complex parts. Experience with Centroid, Fagor, Okuma, and Acu-Rite controllers on Hardinge, RBI, Okuma, and Ganesh machines. As lead machinist, responsible for coaching fellow teammates for continuous process improvement, coordinating with engineers on best practices, as well as helping and training new/fellow machinists to encourage personal and professional growth.

### **Solar Energy Consultant/ Site Surveyor/ Installer**

SolarCity - Denver, CO

January 2015 to April 2017

Drove production of opportunities that met local sales team goals and objectives. Developed qualified referrals and sales opportunities. Generated own leads by directly contacting homeowners, initiated conversations and closed home owner contracts to save money while using clean solar energy. Effectively demonstrated teamwork and excellent customer service to potential and future solar customers. Gathered structural and electrical information around customers home and performed shade analysis to determine qualification for solar. Provided excellent customer service by answering questions to educate the home owner and put them at ease. Loaded equipment, performed lay out of photovoltaic system, installed solar panels, and tested systems to ensure functionality and quality. Collaboratively worked with a team of 4-6 members to ensure the job site met all standards, including leaving the site in excellent condition.

### **Machinist**

Coyote Cutters - Longmont, CO

September 2016 to March 2017

Cut material, load work pieces, set up tools, and ran parts on CNC mills and lathes. Verified dimensions and checked tolerances with various micrometers, calipers, optical comparator and other precision measuring tools to ensure dimensions were to blue print specifications. Deburred and removed sharp edges from finished parts prior to inspection. Utilized manual mill to clean up stock prior to machining operations being performed. Operated manual lathe to make plugs for turning hollow work pieces. Ran multiple machines simultaneously in an efficient manor to limit down time.

## **SR. Radiological Control Tech**

INL, Idaho

March 2007 to December 2015

Provided full and independent job coverage in all levels of contamination, radiation, and airborne radioactivity levels in areas in excess of 20,000 DAC alpha. Recommended protective clothing and respiratory equipment requirements. Interpreted monitoring instruments to calculate rates, dose, airborne radioactivity concentration and environmental release. Documented all survey results and monitored radiological conditions using instruments to ensure proper operation. Issued appropriate dosimeters.

Assisted in donning and cutting workers out of bubble suit upon cell exit and emergency evacuation actions taken upon loss of primary ventilation. Perform DOT shipping surveys, airborne alarm response, waste retrieval and characterization, routine surveys, and provided radiological input for startup process of a soft sided containment.

Audited personnel access into radiologically controlled areas. Provided technical guidance to management, less experienced personnel and employees performing work. Collaborated with Idaho Treatment Group and BWI on safe practices to assist in successful outcomes for the AMWTP project.

## Education

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Front Range Community College - Longmont, CO  
2017

## Skills

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- CNC
- Inspection
- Manufacturing
- Calipers
- Micrometer
- Machining
- CNC Programming
- CNC Lathe
- Precision Measuring Instruments
- Quality Inspection
- Blueprint Reading

- CNC Milling Machine
- CAD
- CAM Programming
- GD&T

## Additional Information

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### SKILLS

Highly analytical thinking with demonstrated talent for identifying, scrutinizing, improving and streamlining complex work processes. Quick learner with an ongoing desire to attain and master new skills. Experienced with Centroid, Fagor, Okuma, and Acu-Rite controllers. Leader in safe environment work practices. Proficient in basic Microsoft programs.